RATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name i listed below) or an original, nt inventor (if plural names are listed below) of subject n atter (process, machine,

manufacture, or	composi	tion of matter, or an import the application entitle	provement thereof)	hich is claim	med and for	which a
Qu	iantum I	Bit with a Multi-Termin	al Junction and Loo	with a Pha	se Shift	
wbich (check)		is attached hereto. and is amended by the was filed on April 20, and was amended on	Preliminary Amend 2001 as Application (if applicable)	nent attache Serial No. (:d hereto. 09/839,637	
I hereby state that including the cla	t I have ims, as a	reviewed and understar amended by any amendr	nd the contents of the ment referred to abo	above iden e.	tified speci	ficatioπ.
I acknowledge th Title 37, Code of	e duty t Federa	o disclose information, I Regulations, § 1.56.	which is material to	atentability	as defined	. in
I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT internat onal application(s) designating at least one country other than the United States of America listed below any foreign application(s) for patent or inventor's certificate or any I CT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) o which priority is claimed:						
		Prior Foreign Applicat	ion(s)		Priority	Claimed
Number		Country	Day/Month/Ye	r Filed	Yes	No
N/A						
I hereby claim the provisional appli	e benefication(s	it under Title 35, United i) listed below:	States Code, § 119	e) of any Ur	nited States	
Provisional Application Number				Filing Date	3	
	N/A	4				
application(s) or below and, insof prior application § 112, I acknowl Title 37, Code of	PCT intar as the (s) in the ledge the federa	it under Title 35, United ternational application(se subject matter of each e manner provided by the duty to disclose informal Regulations, § 1.56, when autional or PCT international internat	 designating the U- of the claims of this he first paragraph of nation, which is mate which became availa 	ited States of application Title 35, Un rial to pater le between t	of America is not disclo lited States ntability as other filing de	osed in the Code, defined in

Application Serial No.	Filing Date	Statu: (patented, pending, abandoned)
N/A		

Attorney ocket No. M 8915 US

I hereby appoint the following practitioners to prosecute this applicat on and to transact all business in the United States Patent and Trademark Office connected therewith:

Customer Number 24251



Please address all correspondence and telephone calls to:

Gary J. Edwards
SKJERVEN MORRILL MacPHERSO V LLP
25 Metro Drive, Suite 700
San Jose, California 95110-1349

Telephone:

408-453-9200

Facsimile:

408-453-7979

I declare that all statements made herein of my own knowledge are t i.e., all statements made herein on information and belief are believed to be true, and all statements may a herein are made with the knowledge that whoever, in any matter within the jurisdiction of the 'atent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or repressentations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, tradem in registration, or certificate resulting therefrom.

Full name of first joint inventor:	Mohammad H.S. An	ad H.S. Ami		
Inventor's Signature:		l ate:		
Residence:				
Post Office Address:		(itizenship:	Canadian	
Full name of second joint inventor:	Timothy Duty			
Tarrantan's Cianatura		l rate:		
Residence:				
Post Office Address:		Citizenship:		
Full name of third joint inventor:	Alexander Omelyand	i ouk		
Inventor's Signature:		late:		
Residence:				
Post Office Address:		· Stizenship:		
Full name of fourth joint inventor:	Geordie Rose			
Inventor's Signature:)ate:		
Residence:				
Post Office Address:		litizenship:		

Attorney Docket No.: M 8915 US

RATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

C	(vantum	Bit with a Multi-Terminal Junction and Loop with a Phase Shift
which (check)		is attached hereto. and is amended by the Preliminary Amendment attached hereto. was filed on April 20, 2001 as Application Serial No. 09/839,637 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification,

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

including the claims, as amended by any amendment referred to above.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

INCLUDE PRIOR FOREIGN APPLICATION IF APPLICABLE

Prior Foreign Application(s)			Priority Claimed	
Number Country Day/Month/Year Filed			Yes	No
N/A				

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

INCLUDE PROVISIONAL APPLICATION NUMBER IF APPLICABLE

Provisional Application Number	Filing Date			
N/A				

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Pederal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
N/A		

I hereby appoint the following practitioners to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

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Facsimile: 408-453-7979

I declare that all statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and all statements made herein are made with the

information and belief are believed to be true, and all statements made herein are made with the knowledge that whoever, in any matter within the jurisdiction of the Patent and Trademark Office, knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be subject to the penalties including fine or imprisonment or both as set forth under 18 U.S.C. 1001, and that violations of this paragraph may jeopardize the validity of the application or this document, or the validity or enforceability of any patent, trademark registration, or certificate resulting therefrom.

Full name of first joint inventor.	Mohammad H.S. Amin	
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Post Office Address: NA VGH IM7	Citizenship:	Canadian

Full name of second joint inventor:

Timothy Duty

Inventor's Signature:

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Post Office Address:

Citizenship: AMFRICAN

Full name of fifth joint inventor: Inventor's Signature:	Alexandre Zagoskin) ate:		
Residence:				
Post Office Address:		(itizenship:		
Inventor's Signature: Alxand Bl. 7 Residence: 1413 lafleche, Sherbrooke	e, Québec, C	I ate: a cada, J	oct. 10, 1k 249	<i>वेच</i> ं ।
Post Office Address:	e, weeke, c	(itizenship:	(Canaclian

741234 vl

Full name of third joint inventor:	Alexander Omelyand	:houk	
Inventor's Signature:		Date:	Sart. 2, 2001
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	• • •		
Kharaa, Ukra's			
Full name of fourth joint inventor:	Geordie Rose		
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Post Office Address: Same-		Citizenship:	CHUADIAN
<i>p</i> - <i>u</i> / -			•
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Inventor's Signature:		Date:	09 Oct. 2001
Inventor's Signature: Residence: 3063 W. 864 Vancs	wer, BC, Ca	meda	09 Oct. 2001 Canadian
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	Alexandre Blais	_	
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